

Title (en)
LANDING GEAR JOINT LUBRICATION

Title (de)
SCHMIERUNG EINES FAHRWERKSGELENKS

Title (fr)
LUBRIFICATION DE JOINT DE TRAIN D'ATERRISSAGE

Publication
EP 3871973 A2 20210901 (EN)

Application
EP 21158901 A 20210224

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GB 202002726 A 20200226

Abstract (en)
A pin assembly for insertion into a pin joint (4) of an aircraft landing gear (2) is disclosed. The pin assembly includes a reservoir (18) for storing a lubricating agent and a piston (22) mounted for reciprocal movement within the reservoir (18), the piston (22) dividing the reservoir into a first chamber (19a) and a second chamber (19b). A bi-directional flow path between the first and second chambers (19a, 19b) via the surface to be lubricated (33, 37) is provided by means of a first bi-directional flow path between the first chamber (19a) and the exterior of the pin assembly and a second bi-directional flow path between the second chamber (19b) and the exterior of the pin assembly. A pin assembly including an indicator system, and a pin insert in the form of a replaceable cartridge is also disclosed along with associated methods.

IPC 8 full level
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Citation (applicant)
• US 2008217107 A1 20080911 - SCHMIDT R KYLE [FR]
• US 2003085321 A1 20030508 - RENIAU GREGORY [FR]

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